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WESTERN
STATES
MINERALS
CORPORATION

Rance to Jebse for review then file

RECEIVED
MAY 17 1993
DIVISION OF
OIL, GAS & MINING

ACT/015/002
#6

14 May, 1993

Ms. P. Grubaugh-Littig, Permit Supervisor
Utah Department of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Annual Subsidence Survey
J.B. King Mine, ACT/015/002

Dear Ms. Grubaugh-Littig:

Attached please find the results of the latest annual subsidence survey measurements as required for Western States Minerals Corporation's J.B. King Mine, ACT/015/002, Folder #2, Emery County, Utah.

I have included a copy of the level calculations, as well as the usual summarizing tabulation - Table I.

Please let me know if you require further information.

Sincerely,

Dwight J. Crossland

Dwight J. Crossland

cc: Mr. E. Gerick

P.O. Box 3094 • Elko, Nevada 89803 • (702) 738-8597 • FAX (702) 753-5417

3 MAY 93 — J.B. KING SUBSIDENCE SURVEY — d.j.c.

AA ← S-1 H.P. = .81′ H.I. = 4.615′

Δ = 3.805′

AA = 6,517.81′ − 3.805′ = **6,514.01′ = S-1**

S-1 → S-2 H.P. = 12.97′ H.I. = 3.825′

Δ = 9.145′

S-1 = 6,514.01′ − 9.145′ = **6,504.86′ = S-2**

S-2 → S-3 H.P. = 12.37′ H.I. = 4.333′

Δ = 8.037′

S-2 = 6,504.86′ − 8.037′ = **6,496.82′ = S-3**

S-3 → S-4 H.P. = 12.35′ H.I. = 5.126′

Δ = 7.154′

S-3 = 6,496.82′ − 7.154′ = **6,489.67′ = S-4**

S-5 → S-4 H.P. = 0.76' H.I. = 5.479'

$\Delta = 4.719'$

S-4 = 6,489.67' − 4.719' = **6,484.95' = S-5**

S-5 → S-6 H.P. = 1.62' H.I. = 5.479'

$\Delta = 3.859'$

S-5 = 6,484.95' + 3.859' = **6,488.81' = S-6**

S-7 → S-6 H.P. = 11.91' H.I. = 3.688'

$\Delta = 8.223'$

S-6 = 6,488.81' + 8.223' = **6,497.03' = S-7**

S-8 → S-7 H.P. = 9.45' H.I. = 5.342'

$\Delta = 4.108'$

S-7 = 6,497.03' + 4.108' = **6,501.14' = S-8**

S-8 → CAP H.P. = 1.03' H.I. = 5.342'

Δ = 4.312'

S-8 = 6,501.14 + 4.312' = 6,505.45 = CAP

SURVEY DATE – 1 MAY 93

⊼ DK, ∅ DK

GUN – ELKO WILD T-16

CLOUDY (TSMS), WINDY, ~70°

METHOD – STD. LEVELS (DIRECT & INVERTED).

d.j.c.

14 May, 1993

Table 1. - J.B. KING MINE SUBSIDENCE MEASUREMENT SUMMARY

STATION	ORIG-INAL	JUNE '83	MAY '84	APRIL '85	JUNE '86	SEPT. '87	SEPT. '88	FEB. '90	SEPT. '90	DEC. '91	MAY '93
A-A	6517.8	6517.77	6517.8	6517.8	6517.8	6517.80	6517.80	6517.8	6517.8	6517.78	6517.80
S-1	6514.0	6514.00	6513.8		6513.9	6514.06	6514.00	6514.0	6514.0	6513.97	6514.00
S-2	6505.9	6504.84	6504.6	6504.8	6504.9	6504.41	6504.59	6504.8	6505.2	6504.82	6504.86
S-3	6501.5	6496.81	6496.9	6496.9	6496.8	6497.11	6497.11	6496.8	6497.3	6496.76	6496.82
S-4	6500.0	6489.63	6489.5	6489.8	6489.7	6490.00	6490.02	6489.5	6490.0	6489.58	6489.67
S-5	6491.0	6484.91	6484.8	6485.1	6484.3	6485.32	6485.29	6484.8	6485.4	6484.85	6484.95
S-6	6496.0	6488.82	6488.6	6489.1	6488.3	6488.91	6489.01	6488.6	6488.5	6488.74	6488.81
S-7	6507.0	6497.00	6496.7	6497.3	6496.9	6497.45	6497.62	6496.9	6496.7	6496.99	6497.03
S-8	6501.2	6501.14	6500.8	6501.6	6501.3	6501.59	6501.61	6501.0	6500.9	6501.12	6501.14
CAP	6505.5	6505.45	6505.5	6505.5	6505.4	6505.45	6505.40	6505.3	6505.2	6505.45	6505.45